

2014 Annual Meeting

May 11, 2015

Chairman's Table

William D. Pugliese
Chairman

Steve Letwin
President & Chief Executive Officer

Tim Bradburn
VP, Legal & Corporate Secretary

Board of Directors

- ✓ John Caldwell
- ✓ Donald Charter
- ✓ Robert Dengler
- ✓ Guy Dufresne
- ✓ Richard Hall

- ✓ Steve Letwin
- ✓ Mahendra Naik
- ✓ William Pugliese
- ✓ John Shaw
- ✓ Timothy Snider

Executive Management Team



Steve Letwin
CEO & President



P. Gordon Stothart
EVP & Chief
Operating Officer



Carol T. Banducci
EVP & Chief Financial
Officer



Benjamin Little
SVP, Corporate Affairs,
HSS & People



Craig MacDougall
SVP, Exploration



Jeffery Snow
SVP, Business
Development & General
Counsel

Appointment of the Secretary and Scrutineers



Constitution of Meeting



Consolidated Financial Statements and Report of the Auditor



Nomination and Election of Directors



Nominated Directors

- ✓ John Caldwell
- ✓ Donald Charter
- ✓ Robert Dengler
- ✓ Richard Hall
- ✓ Steve Letwin
- ✓ Mahendra Naik
- ✓ Timothy Snider

Auditor's Appointment and Remuneration



Approval of Approach to Executive Compensation



2014 Annual Meeting

May 11, 2015



HARM
DAÑO
INCIDENT
SCHADE
KGOBALO

PRESIDENT'S AWARDS

HEALTH & SAFETY | SUSTAINABILITY



President's Awards



**2014 PRESIDENT'S AWARD FOR HEALTH & SAFETY
WESTWOOD MINE in Canada**

President's Awards



**2014 PRESIDENT'S AWARD FOR SUSTAINABILITY
ESSAKANE MINE in Burkina Faso**

President's Awards



**2014 PRESIDENT'S AWARD FOR EXPLORATION
COLOMBIA**

2014 Annual Meeting

May 11, 2015

Cautionary Statement on Forward-Looking Information

All information included in this presentation, including any information as to the Company's future financial or operating performance, and other statements that express management's expectations or estimates of future performance, other than statements of historical fact, constitute forward looking information or forward-looking statements and are based on expectations, estimates and projections as of the date of this presentation. Forward-looking statements contained in this presentation include, without limitation, statements with respect to: the Company's guidance for production, cash costs, all-in sustaining costs, depreciation expense, effective tax rate, and operating margin, capital expenditures, operations outlook, cost management initiatives, development and expansion projects, exploration, the future price of gold, the estimation of mineral reserves and mineral resources, the realization of mineral reserve and mineral resource estimates, the timing and amount of estimated future production, costs of production, permitting timelines, currency fluctuations, requirements for additional capital, government regulation of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage. Forward-looking statements are provided for the purpose of providing information about management's current expectations and plans relating to the future. Forward-looking statements are generally identifiable by, but are not limited to the, use of the words "may", "will", "should", "continue", "expect", "anticipate", "estimate", "believe", "intend", "plan", "suggest", "guidance", "outlook", "potential", "prospects", "seek", "targets", "strategy" or "project" or the negative of these words or other variations on these words or comparable terminology. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by management, are inherently subject to significant business, economic and competitive uncertainties and contingencies. The Company cautions the reader that reliance on such forward-looking statements involve risks, uncertainties and other factors that may cause the actual financial results, performance or achievements of IAMGOLD to be materially different from the Company's estimated future results, performance or achievements expressed or implied by those forward-looking statements, and the forward-looking statements are not guarantees of future performance. These risks, uncertainties and other factors include, but are not limited to, changes in the global prices for gold, copper, silver or certain other commodities (such as diesel and electricity); changes in U.S. dollar and other currency exchange rates, interest rates or gold lease rates; risks arising from holding derivative instruments; the level of liquidity and capital resources; access to capital markets, and financing; mining tax regimes; ability to successfully integrate acquired assets; legislative, political or economic developments in the jurisdictions in which the Company carries on business; operating or technical difficulties in connection with mining or development activities; laws and regulations governing the protection of the environment; employee relations; availability and increasing costs associated with mining inputs and labour; the speculative nature of exploration and development, including the risks of diminishing quantities or grades of reserves; adverse changes in the Company's credit rating; contests over title to properties, particularly title to undeveloped properties; and the risks involved in the exploration, development and mining business. With respect to development projects, IAMGOLD's ability to sustain or increase its present levels of gold production is dependent in part on the success of its projects. Risks and unknowns inherent in all projects include the inaccuracy of estimated reserves and resources, metallurgical recoveries, capital and operating costs of such projects, and the future prices for the relevant minerals. Development projects have no operating history upon which to base estimates of future cash flows. The capital expenditures and time required to develop new mines or other projects are considerable, and changes in costs or construction schedules can affect project economics. Actual costs and economic returns may differ materially from IAMGOLD's estimates or IAMGOLD could fail to obtain the governmental approvals necessary for the operation of a project; in either case, the project may not proceed, either on its original timing or at all.

For a more comprehensive discussion of the risks faced by the Company, and which may cause the actual financial results, performance or achievements of IAMGOLD to be materially different from the company's estimated future results, performance or achievements expressed or implied by forward-looking information or forward-looking statements, please refer to the Company's latest Annual Information Form, filed with Canadian securities regulatory authorities at www.sedar.com, and filed under Form 40-F with the United States Securities Exchange Commission at www.sec.gov/edgar.html. The risks described in the Annual Information Form (filed and viewable on www.sedar.com and www.sec.gov/edgar.html, and available upon request from the Company) are hereby incorporated by reference into this presentation.

The Company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise except as required by applicable law.

IAMGOLD's Gold Assets



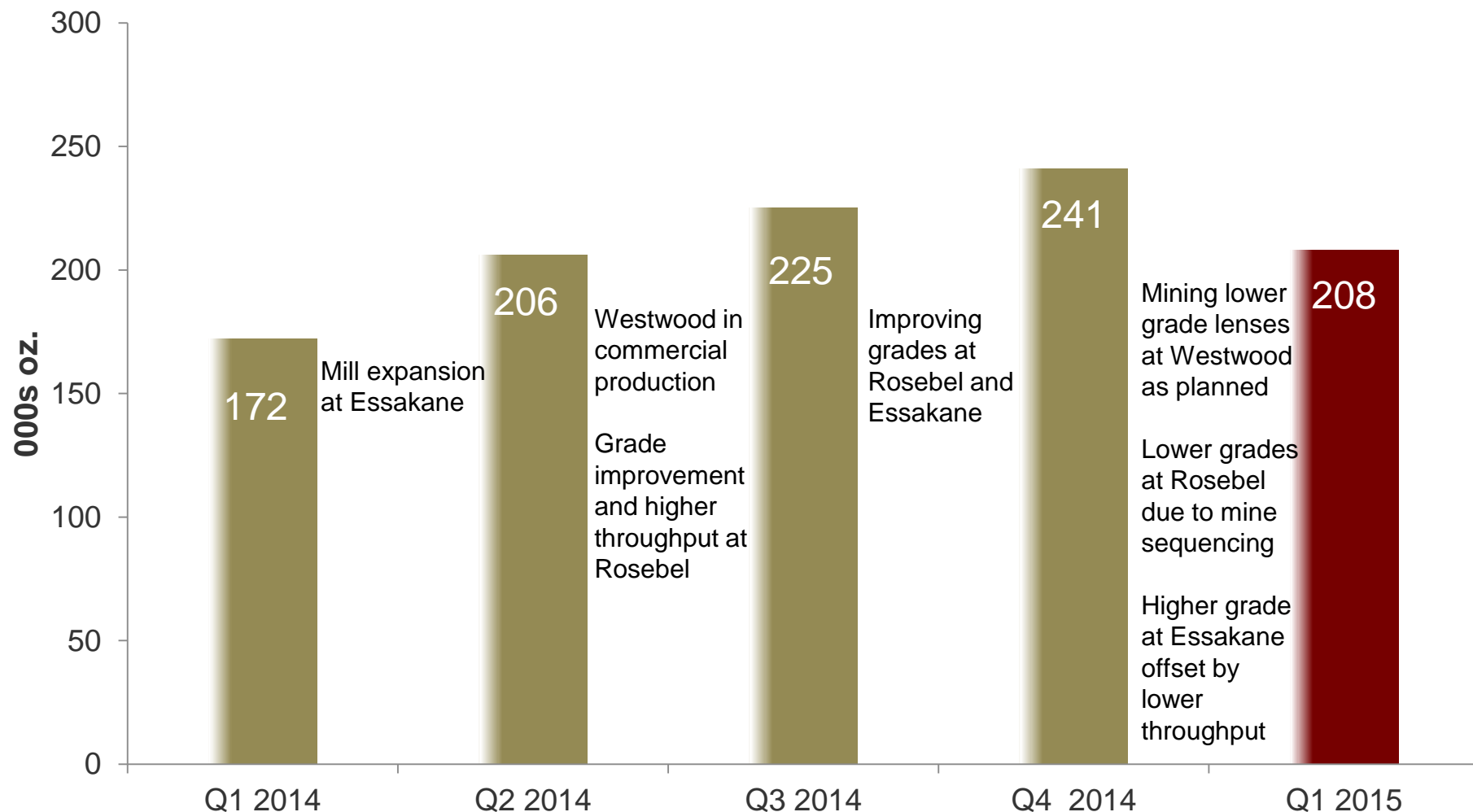
Four Operating Gold Mines:
2015 Production Guidance 820k – 860k oz.

Solid Start To The Year

- ✓ Q1/15 performance delivers across key metrics
 - › Gold production of 208,000 attributable ounces up 21% vs. Q1/14
 - › AISC of \$1,113/oz; down 7% vs. Q1/14
 - › Net cash from operating activities of \$30M; up 7% vs. Q1/14
 - › CAPEX of \$54M down 43% vs. Q1/14
 - › Cash and bullion of \$889M as at March 31, 2015
- ✓ Focus on driving down costs continues
- ✓ Encouraging exploration results
- ✓ Growth strategies to enhance returns

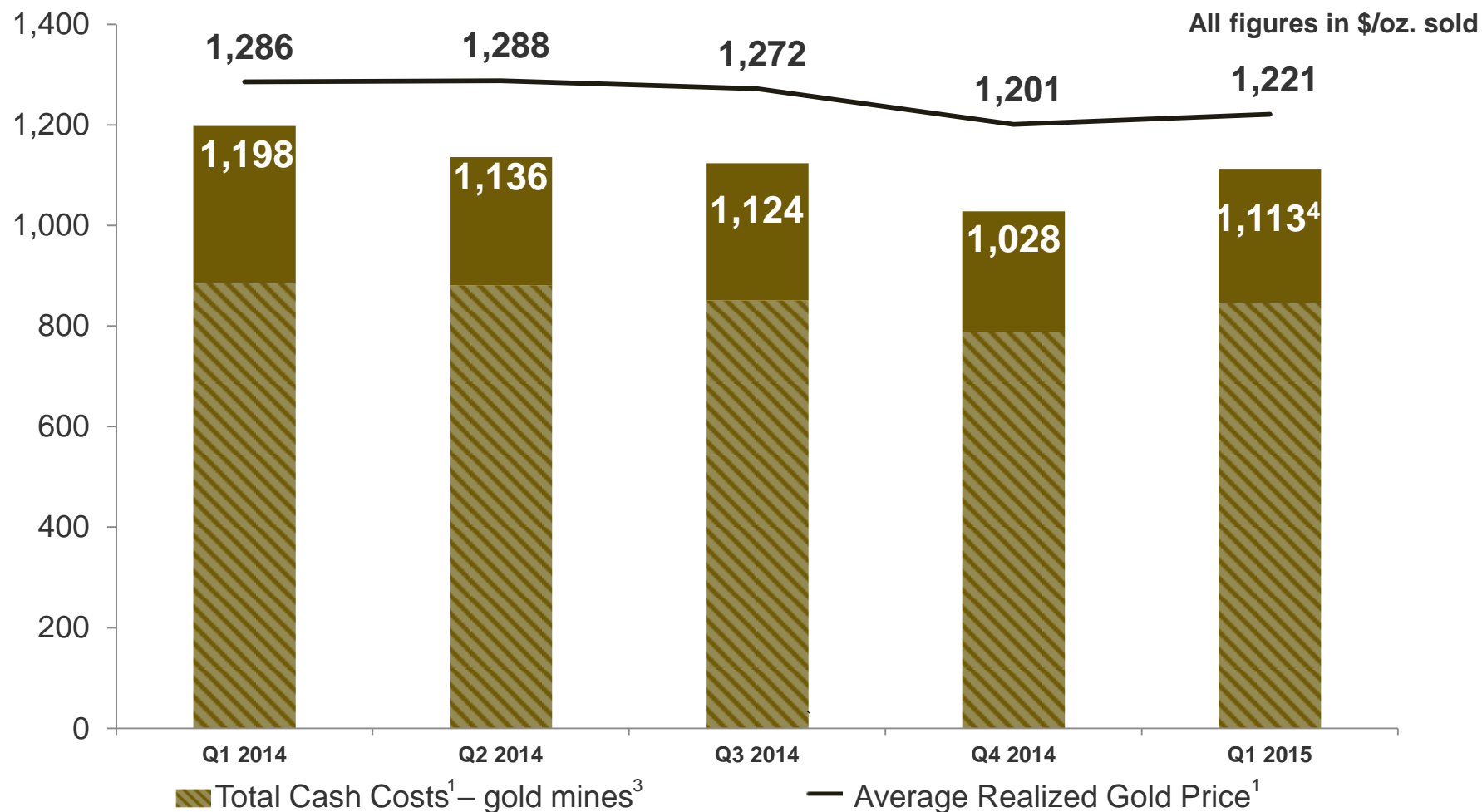


Attributable Gold Production¹



¹ Attributable gold production includes Westwood pre-commercial production for Q1 2014 of 1,000 ounces.

All-In Sustaining Costs^{1,2} - gold mines³



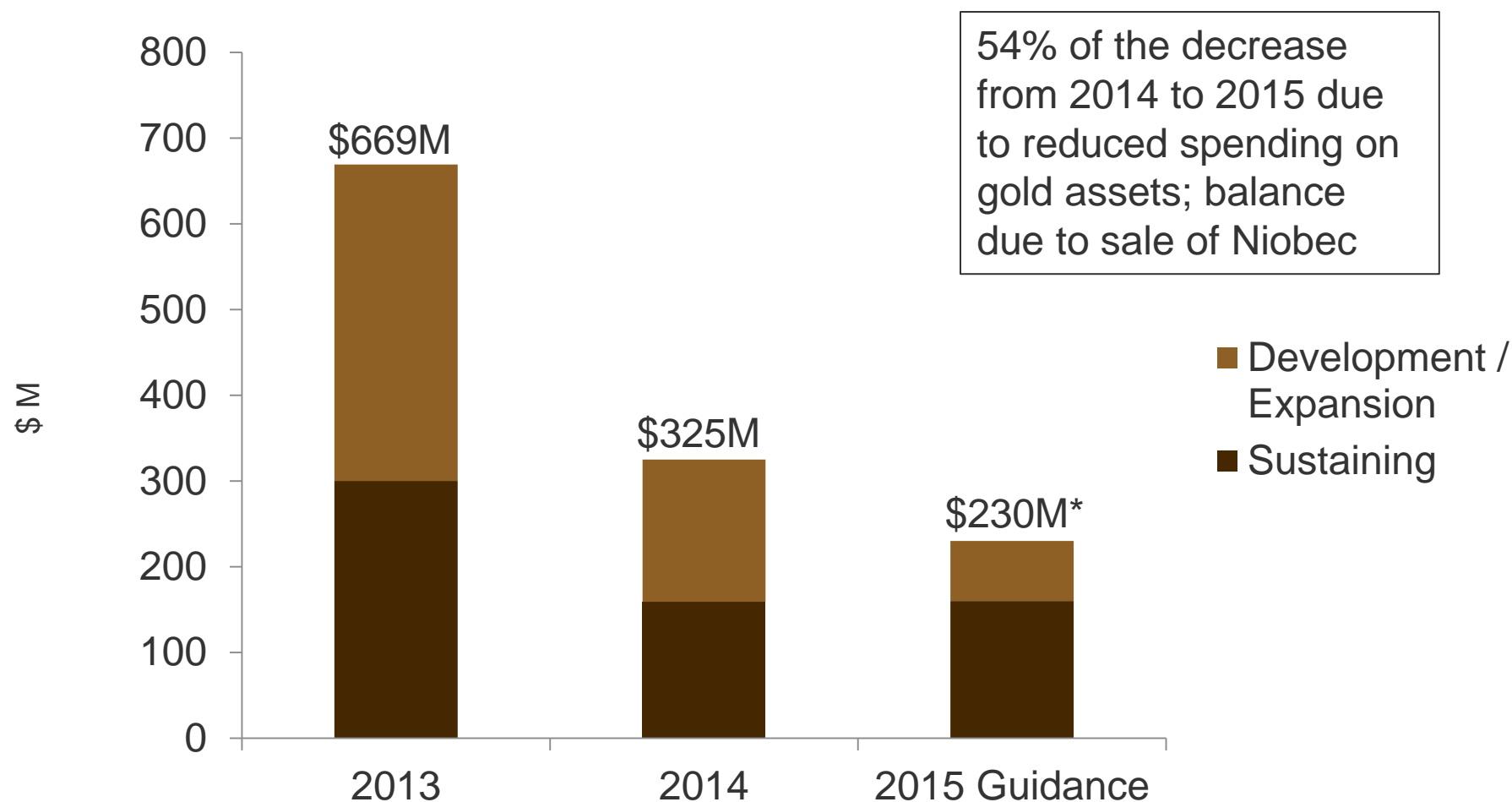
¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for reconciliation to GAAP.

² By-product credits are included in the calculation of this measure; refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

³ Gold mines, as used with total cash costs and all-in sustaining costs, consist of Rosebel, Essakane, Westwood (commercial production), Mouska, Sadiola and Yatela on an attributable basis.

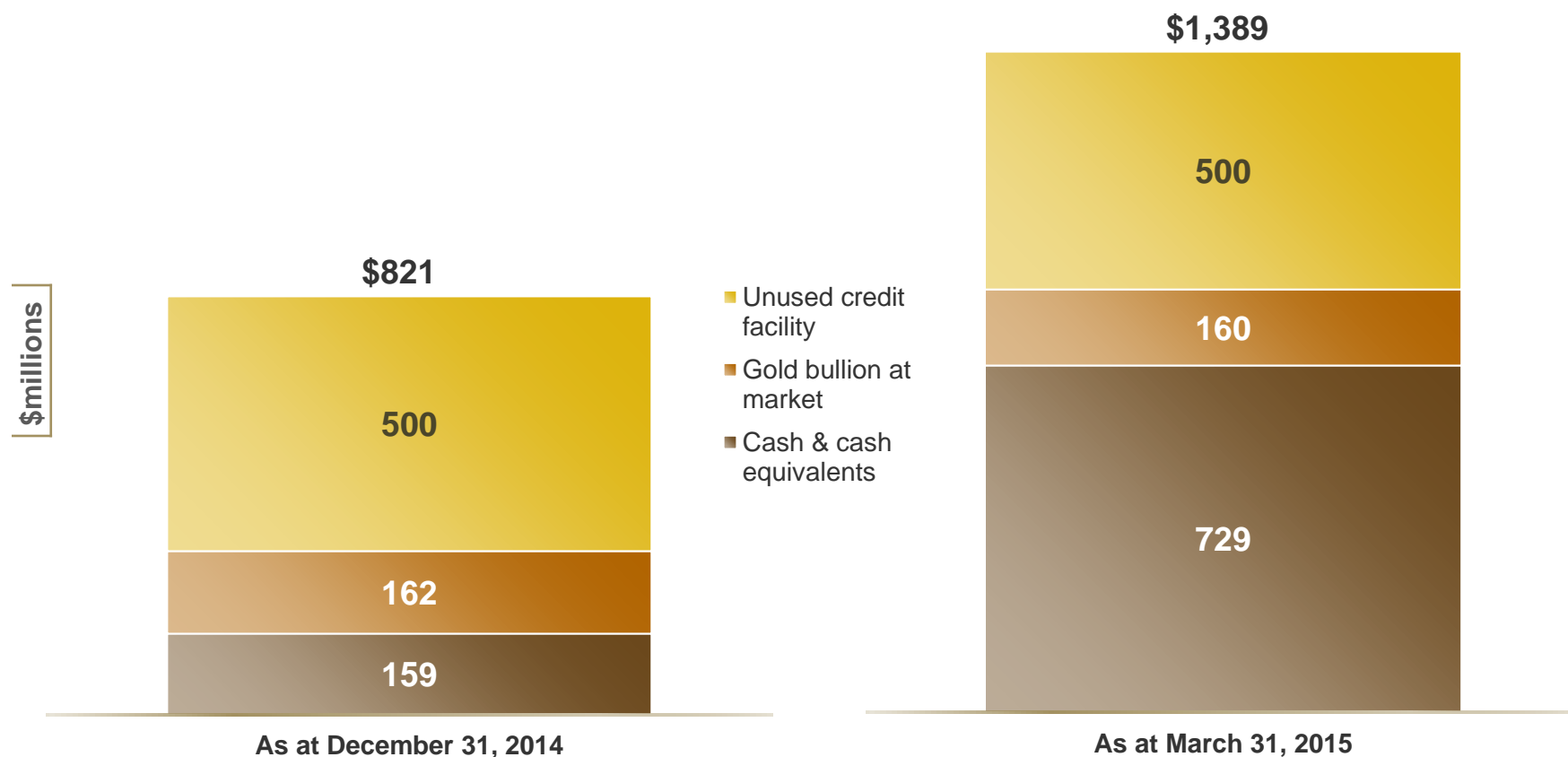
⁴ Includes \$64/ounce impact from realized hedge (currency hedges) and non-hedge derivative losses (fuel contracts).

Disciplined Capital Spending



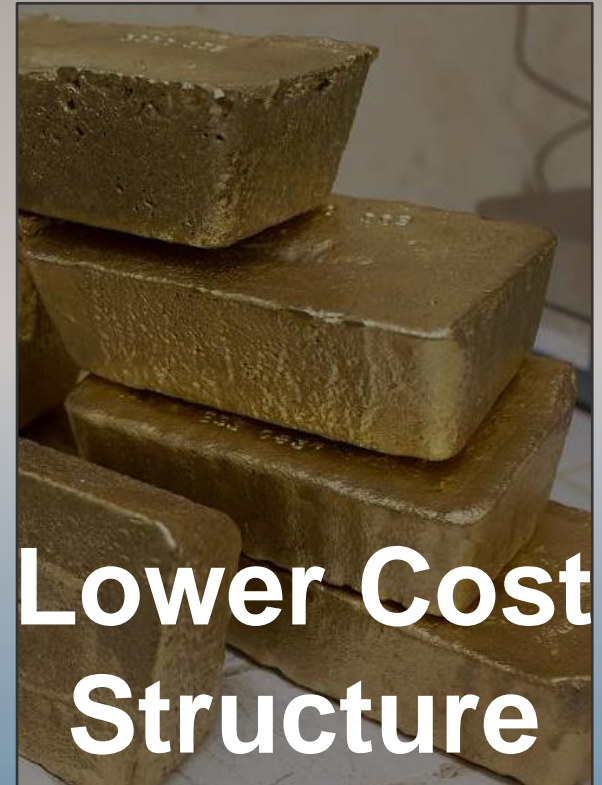
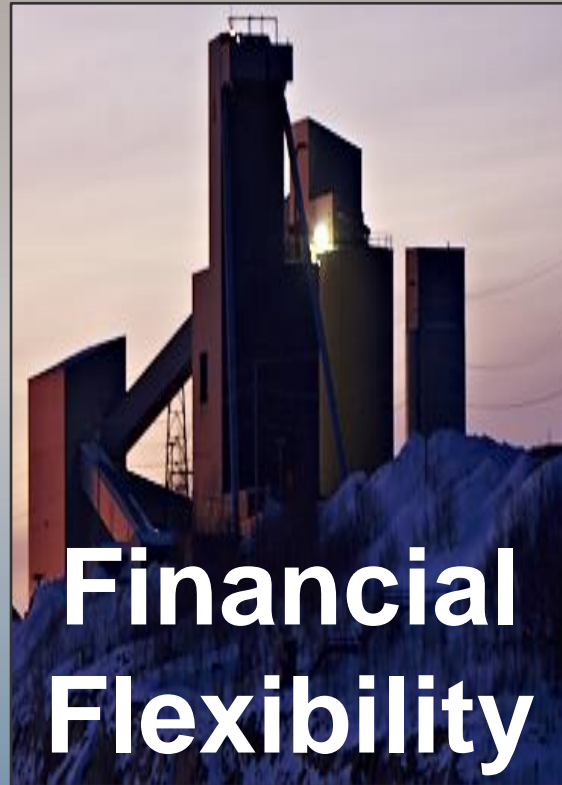
* +/- 10%

Financial Strength



IAMGOLD has \$644.6 million of senior unsecured notes due October 2020.
During Q1'15 the Company repurchased \$5.4 million (face value).

Foundation for Growth



Growth Strategy



Optimize Returns from Existing Mines

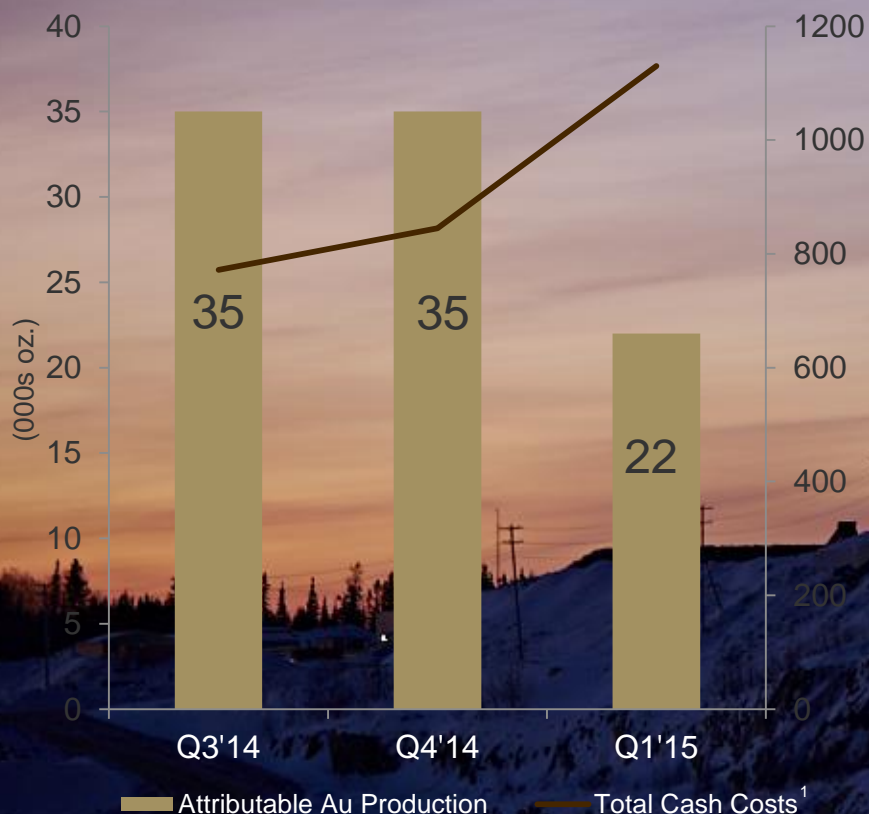


Advance Exploration



Pursue M&A and JV Opportunities

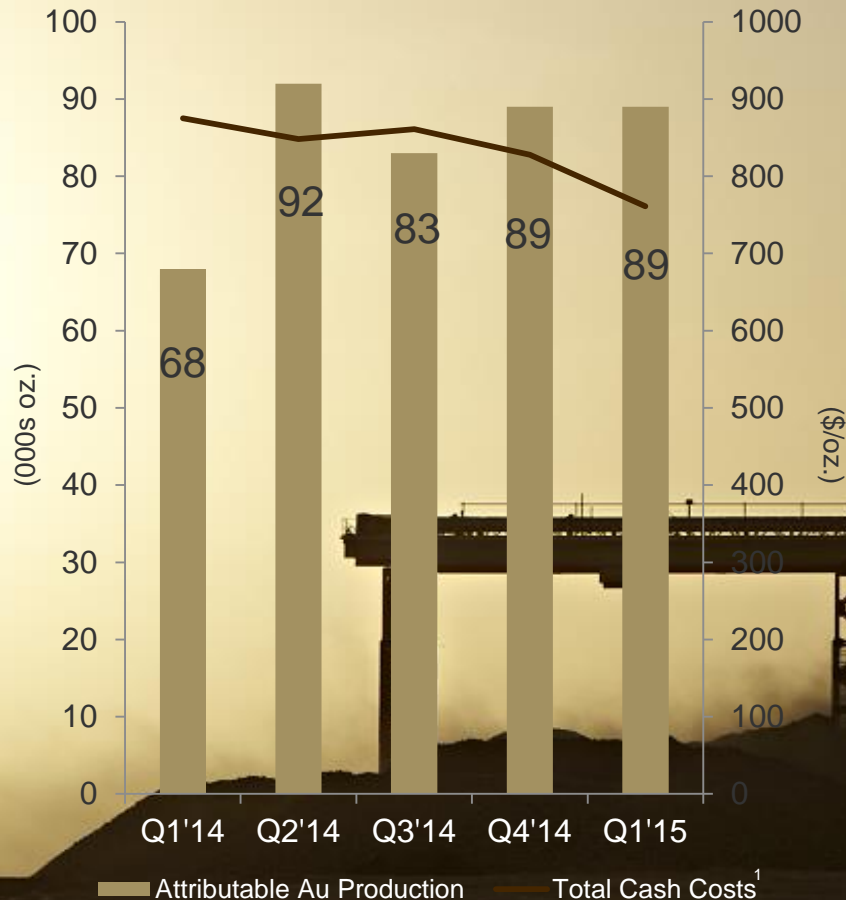
Westwood – Canada



- ✓ High-grade, low-cost underground gold mine with an estimated 20-year mine life
 - Avg. resource grade ~10g/t Au
- ✓ Commercial production began July 1, 2014
- ✓ Production for 2015 expected to vary due to mine sequencing – Q2 and Q3 to account for ~60% of production
- ✓ 2015 AISC¹ costs expected between \$1,100 and \$1,175/oz.
- ✓ Costs expected to trend downwards as production ramps up
- ✓ Updated LOM to be published in Q3'15
- ✓ Focused on reducing unit development costs – improve drilling productivity and reduce stope cycle time and dilution

¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

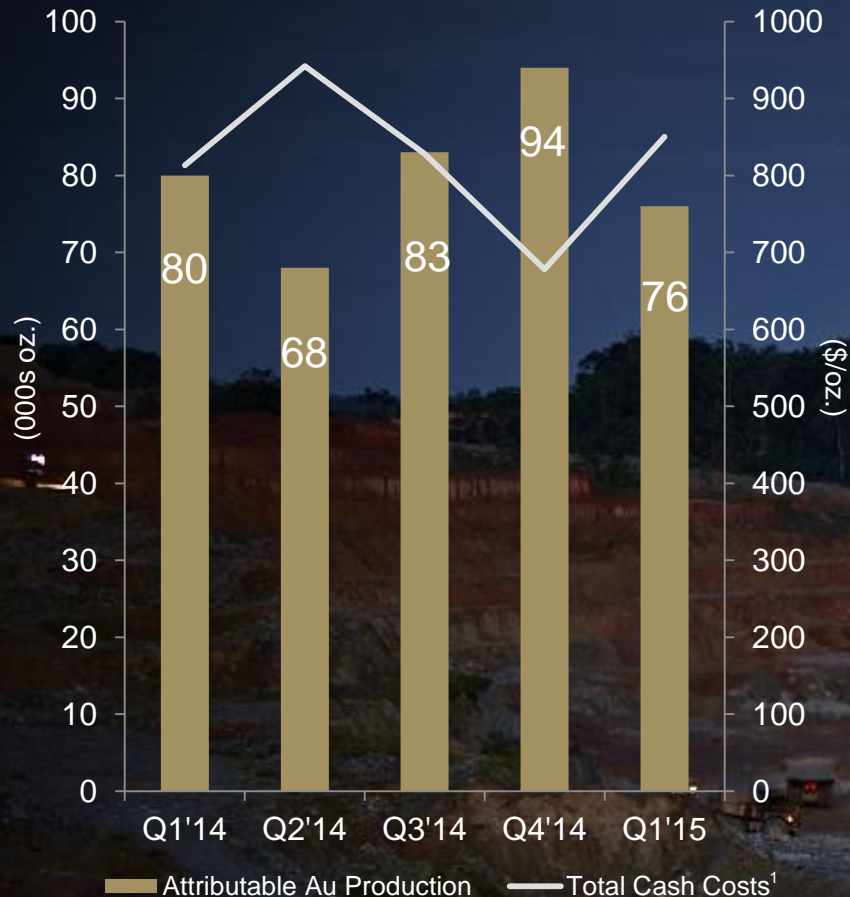
Essakane – Burkina Faso



- ✓ Open-pit mine in 5th year of production
 - › Remaining LOM of 10 years
- ✓ Mill expansion completed in 2013 to accommodate increasing proportion of hard rock
- ✓ Production increased 33% in 2014
- ✓ At \$988/oz. in Q1'15, AISC¹ below \$1,000 oz. for 2nd consecutive quarter
- ✓ April 2015 – updated resource estimate at Falagountou increased indicated resources by 84% to 613,000 oz. and grade by 10% to 1.5 g/t Au
 - › Expected to extend Essakane's peak production levels beyond the next 4 years
- ✓ Higher grades and lower oil prices expected to improve cash costs
- ✓ Process improvement initiatives– optimize mining and milling processes, improve power management, reduce consumption of consumables and increase mobile equipment and mill availability

¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

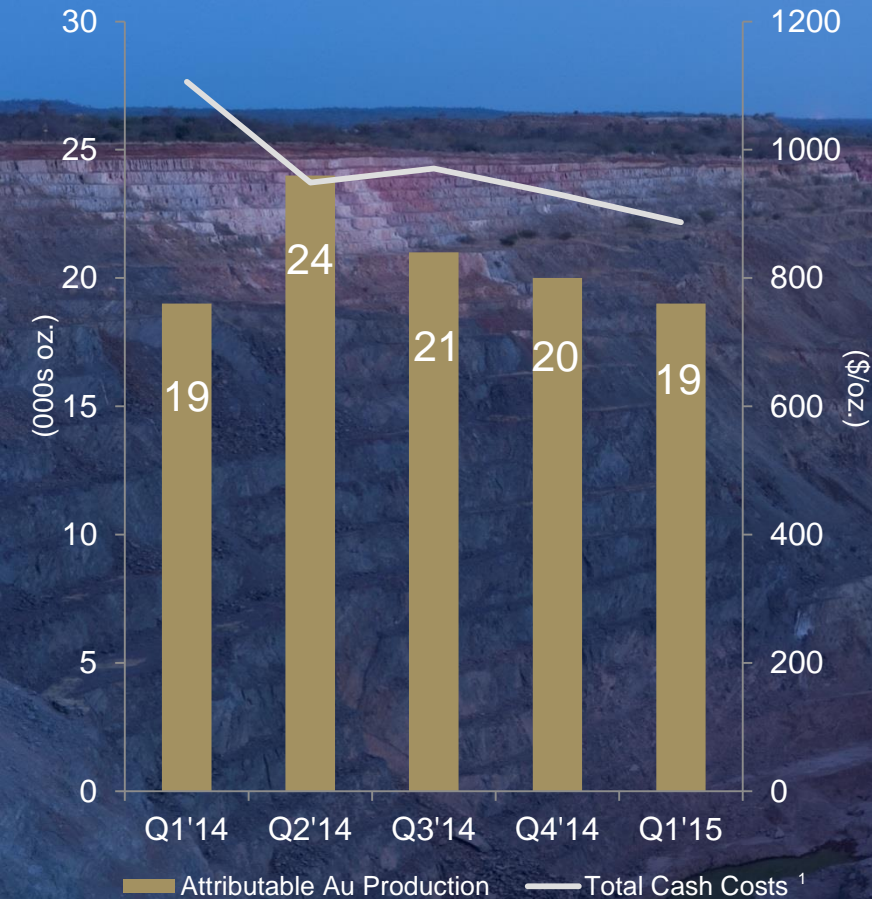
Rosebel – Suriname



- ✓ Multiple open-pit mine with diminishing supply of soft rock
- ✓ New power rate agreement in 2013
- ✓ Lower oil prices expected to continue to benefit power costs
- ✓ Stabilization of mill feed:
 - › Benefits throughput and recoveries
 - › Reduces power and reagent consumption
- ✓ Significant productivity improvement initiatives introduced in 2014
 - › RC drilling for in-pit grade control reducing dilution
 - › Eliminated redundant maintenance activities, increased equipment availability
 - › Improved shift co-ordination, reduced idle equipment time
- ✓ Targeting soft rock under JV agreement with Govt. of Suriname

¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

Sadiola – Mali



- ✓ Open-pit mine in operation for 20 years
- ✓ Continuing to look for additional oxide reserves
- ✓ Expansion to accommodate hard rock processing a significant organic growth opportunity
- ✓ Opportunity to acquire AngloGold's 41% interest
- ✓ Option to modify expansion for less capital
- ✓ Preference to have a partner for full scale expansion
- ✓ Projected returns will drive the decision

¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

Growth Strategy



Optimize Returns from Existing Mines



➤ Advance Exploration



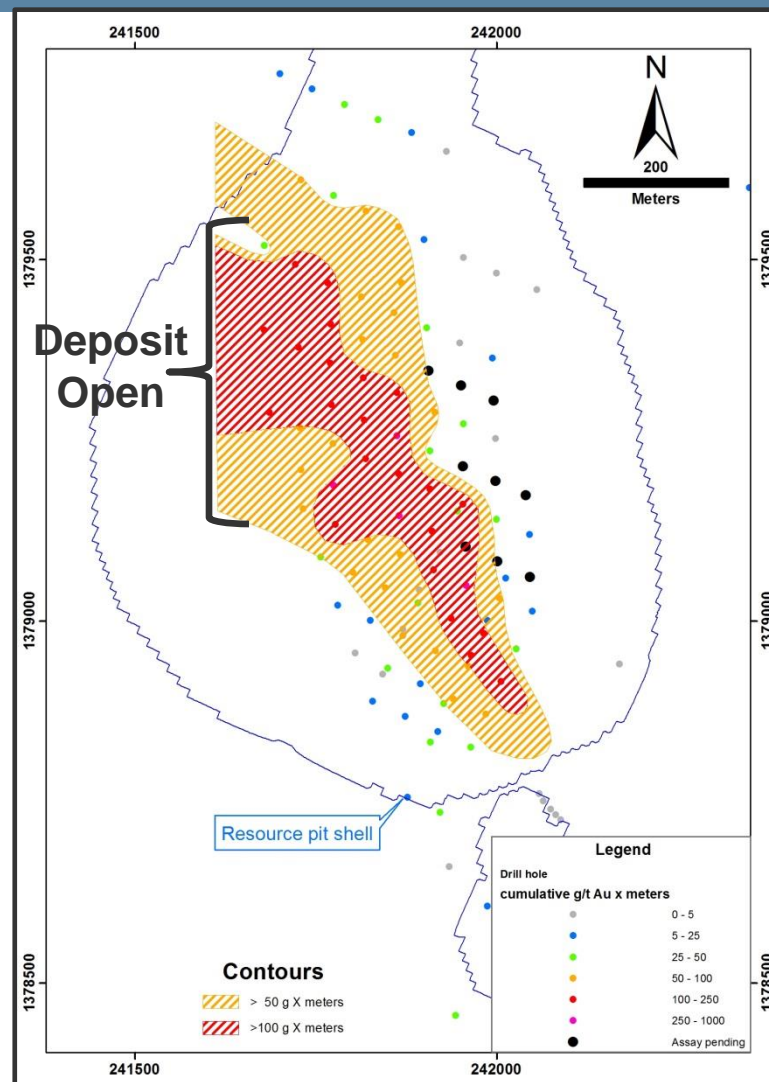
Pursue M&A and JV Opportunities

Boto Gold Project - Senegal

- ✓ As of end of 2014 Boto has:
 - › an indicated resource of 1.2 Moz. at 1.7 g/t Au
 - › an inferred resource of 635,000 oz. at 1.8 g/t Au
- ✓ Approximately 13,300m of infill diamond drilling completed in Q1'15 at the Malikoundi deposit
- ✓ Final assay results from 2014 continue to show wide intervals of high-grade mineralization. Highlights include:
 - › 9m at 10.5 g/t Au (including 5m at 17.55 g/t Au)
 - › 44m at 4.46 g/t Au (including 6m at 14.46 g/t Au)
 - › 40m at 3.24 g/t Au (including 11m at 8.15 g/t Au)
- ✓ Infill program completed and results to be incorporated into updated resource model for use in ongoing evaluation studies
- ✓ Drilling continues in support of planned metallurgical sampling and testing in Q2'15

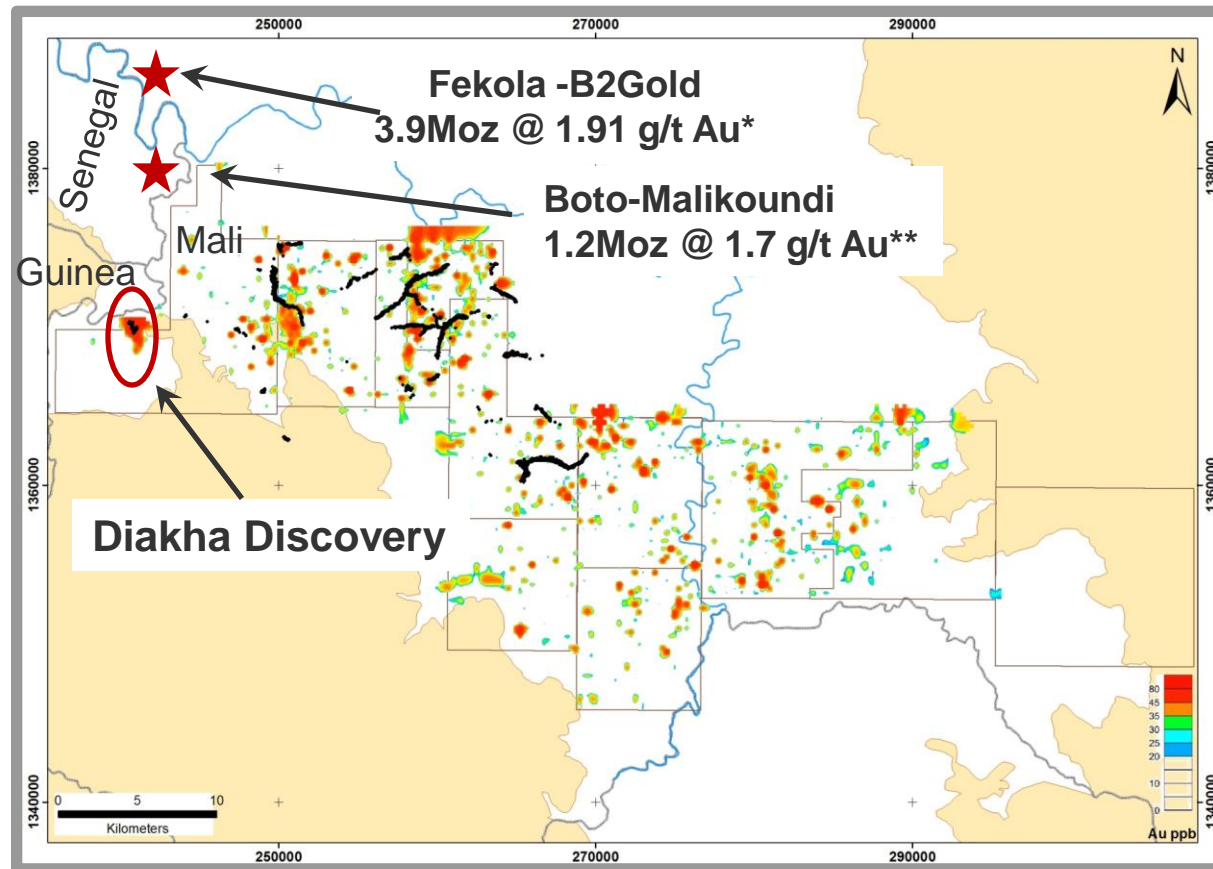
Source: Updated Resource Estimate for Boto Gold, effective December 31, 2014.

Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.60 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade assays are capped at 15 g/t Au to 30 g/t Au depending on geological area. Bulk density varies from 1.61 g/cm³ to 2.62 g/cm³ based on weathering code. The Mineral Resource Estimate is constrained by a Whittle Pit shell. Mineral Resources are not Mineral Reserves and do not yet have demonstrated economic viability, but are deemed to have a reasonable prospect of economic extraction. Numbers may not add due to rounding. Mineral Resources are reported on a 100% ownership basis.



Joint Venture Project Update – Siribaya (Mali) with Merrex Gold Inc.

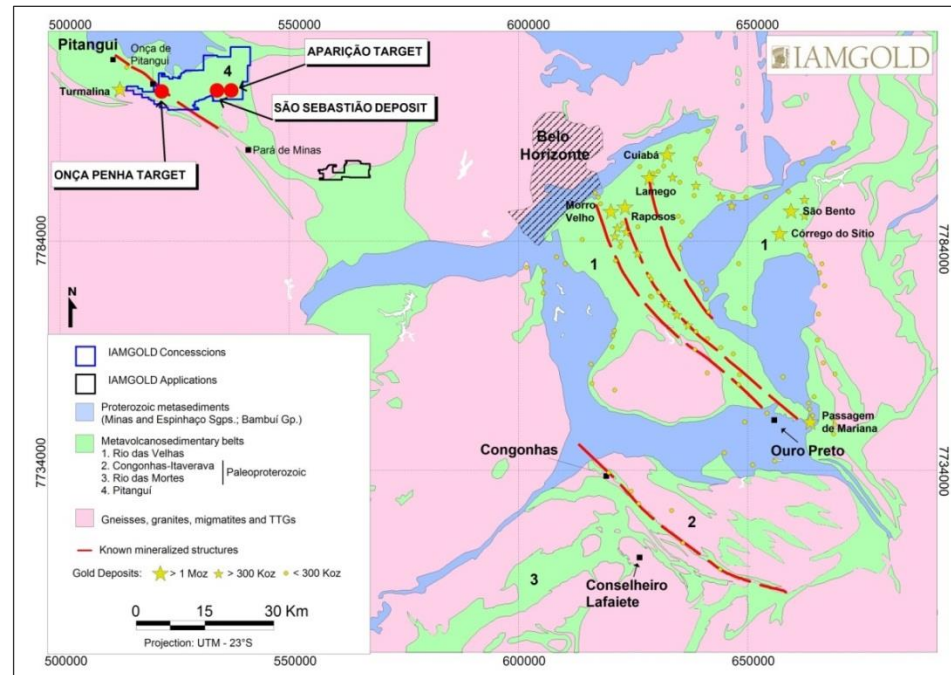
- ✓ Focus on Diakha prospect - extension of trend hosting Boto Gold deposit
- ✓ 9,700m of diamond and reverse circulation infill drilling completed in Q1'15
- ✓ Final assay results from 2014 drill program confirmed gold mineralization with similar characteristics to Boto and zones open in all directions. Highlights included¹:
 - › 3m at 15.01 g/t Au
 - › 6m at 10.53 g/t Au
- ✓ 2015 focus to complete infill delineation drilling program and declare a maiden resource by end of 2015 as results warrant



Gridded Termite Mound Geochemistry - Au

Pitangui Project - Brazil

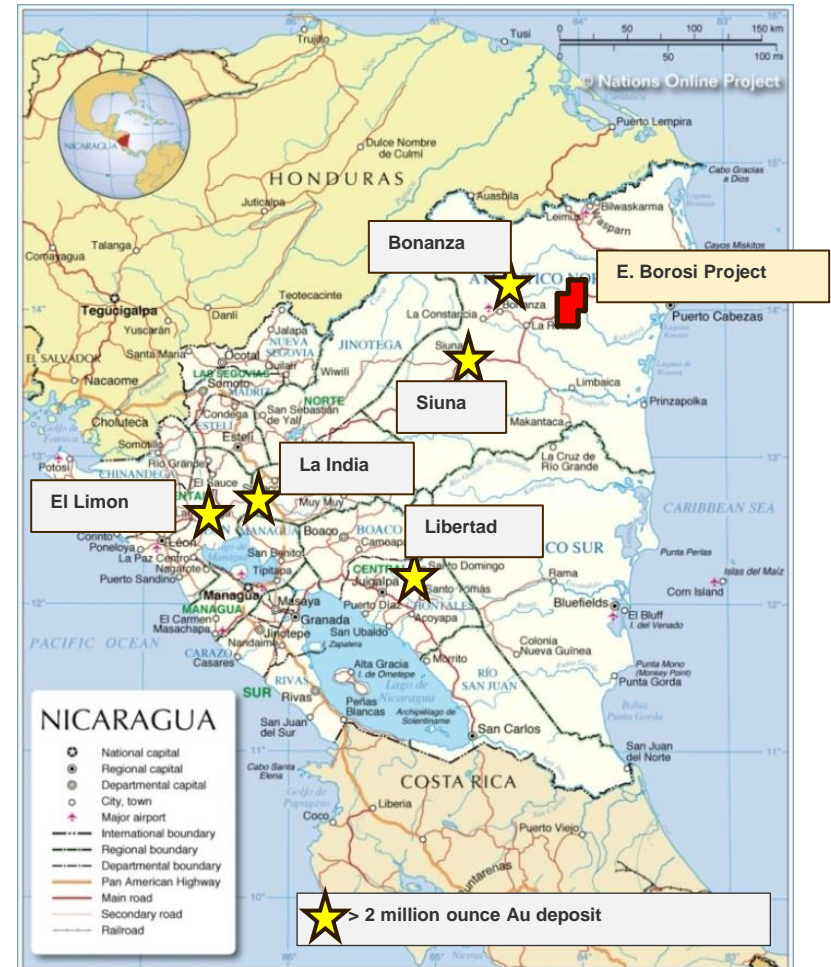
- ✓ April 2014 – maiden inferred resource estimate of 0.64 Moz at 4.88 g/t Au
- ✓ Airborne EM geophysical survey during Q4'14 identified conductive targets to be prioritized in future drilling programs
- ✓ Over 5,400m of diamond drilling was completed in Q1'15 with continued focus on upgrading resources on core area of São Sebastião
- ✓ Infill drilling at São Sebastião expected in Q2'15
- ✓ Once received and validated, assay results to be included in updated resource model



Source: Updated Resource Estimate for Pitangui, effective January 9, 2014. Note: *CIM Definitions* were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 3.0 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade assays are capped at 10g/t Au to 15 g/t Au depending on geological area. Bulk density, as determined from 2,570 measurements, varies from 3.06 g/cm³ to 3.24 g/cm³ based on geologic area. Mineral Resources are not Mineral Reserves and do not yet have demonstrated economic viability, but are deemed to have a reasonable prospect of economic extraction. Numbers may not add due to rounding. Mineral Resources are reported on a 100% ownership basis.

Joint Venture Project Update – Eastern Borosi (Nicaragua) with Calibre Mining

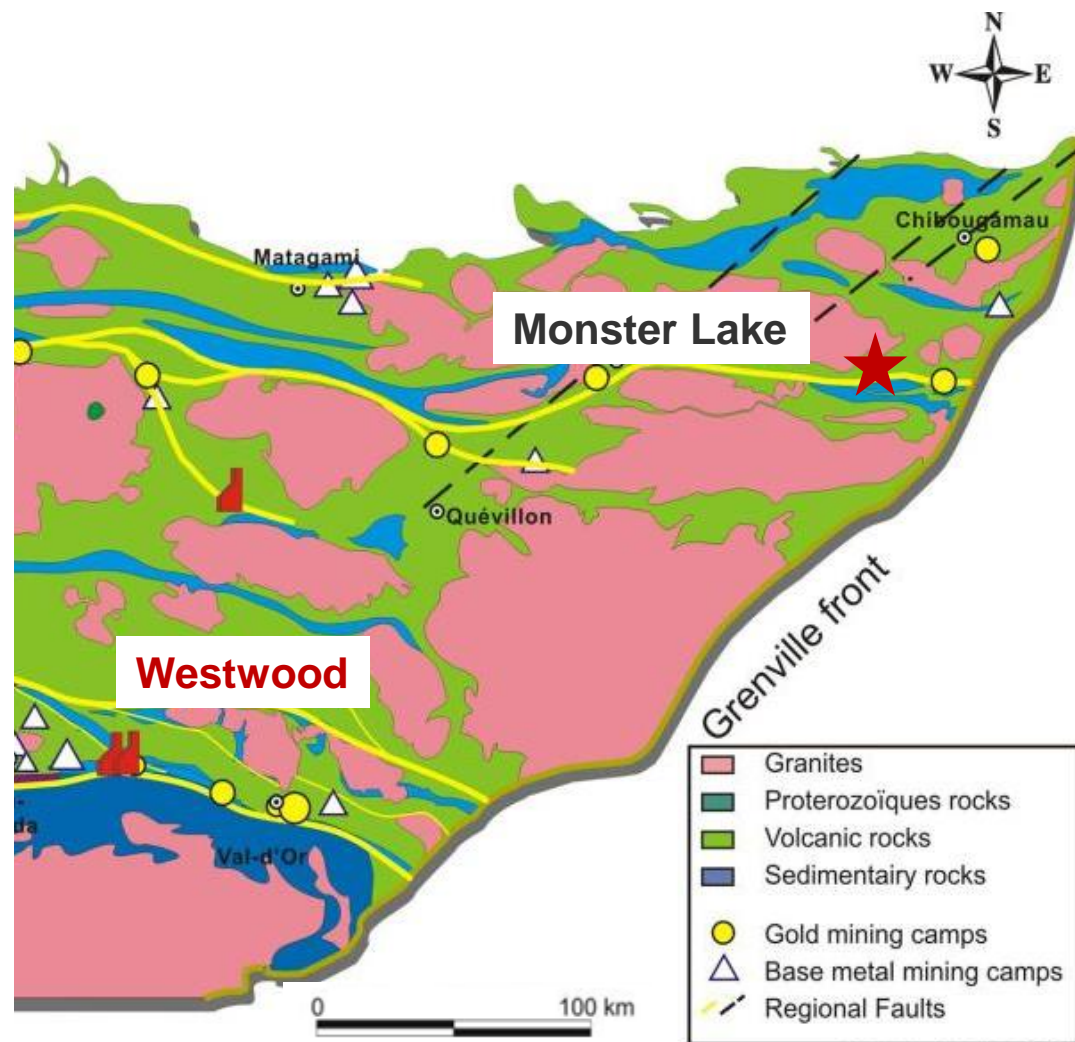
- ✓ 176km² land package with 2 gold and silver deposits and series of exploration targets
- ✓ January 2015 – JV partner announced final assay results from 17 of 40 holes.
- ✓ Phase II drilling program planned for 2015 focused on delineation of 2014 discoveries and step out drilling on defined vein systems
- ✓ Approximately 2,600m of diamond drilling was completed in Q1'15. Highlights included:
 - › 4.1m at 8.93 g/t Au and 57.4 g/t Ag
- ✓ 2015 program of 5,500m of diamond drilling to test selected vein systems and target the depth extent of identified higher-grade intervals.



Source: Calibre Mining news releases dated September 24, 2014, October 16, 2014, and November 4, 2014.

Joint Venture Project Update - Monster Lake (Quebec) with TomaGold Corporation

- ✓ Excellent location in Abitibi Greenstone belt
- ✓ High-grade intervals (25 to 30+ g/t Au) from previous drilling
- ✓ February 2015, reported final drilling results from the 2014 program. Highlights included:
 - › 9.18m at 46.33 g/t Au (including 2.2m at 182.8 g/t Au)
 - › 3.42m at 18.68 g/t Au
 - › 7.1m at 6.74 g/t Au
- ✓ 5,000m of diamond drilling completed in Q1'15. Assay results pending.



Growth Strategy



Optimize Returns from Existing Mines



Advance Exploration



➤ Pursue M&A and JV Opportunities

Acquisition Criteria

- ✓ Predominantly gold
- ✓ Producing or near-producing mine
- ✓ Minimum production of 100k oz./year
- ✓ Higher grades
- ✓ Lower costs
- ✓ Good mining jurisdiction



Sadiola – Potential Organic Growth Opportunity

Opportunity to Acquire AngloGold's 41% interest

- ✓ Preservation of balance sheet strength through modified expansion
- ✓ 18% increase in consolidated reserves (full expansion)
- ✓ Average reserve grade 2.1 g/t Au
- ✓ Potential to increase production by up to ~3M oz. over ~ 10 years
- ✓ Expected reduction in AISC
- ✓ Exploration upside from surrounding satellite deposits
- ✓ Potential for stockpiles to sustain production during transition period
- ✓ Financing options available

Why invest in IAMGOLD?

- ✓ Diversified portfolio of operating gold mines in friendly mining jurisdictions
- ✓ Owned and operated mines combined generating positive free cash flow
- ✓ AISC improving - optimizing economic returns from existing assets
- ✓ Demonstrated ability to adapt in a volatile gold market
- ✓ Significant financial flexibility from sale of Niobec & Diavik royalty
- ✓ Promising exploration pipeline
- ✓ Excellent CSR reputation



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2015 Production and Cost Guidance¹

Attributable gold production		<u>Guidance</u>
	Rosebel (000s oz.)	290 – 300
	Essakane (000s oz.)	360 – 370
	Westwood (000s oz.)	110 – 130
	Total owner-operator production (000s oz.)	760 – 800
	Joint ventures (000s oz.)	60
	Total attributable production (000s oz.)	820 – 860
	Total cash costs² – owner-operator (\$/oz.)	\$825 - \$865
	Total cash costs – gold mines³ (\$/oz.)	\$850 - \$900
	All-in sustaining costs² – owner-operator (\$/oz.)	\$1,050 - \$1,150
	All-in sustaining costs – gold mines (\$/oz.)	\$1,075 - \$1,175

¹ The outlook is based on 2015 full year assumptions with an average realized gold price of \$1,250 per ounce, Canadian \$/USD exchange rate of 1.15, USD/€ exchange rate of 1.20 and average crude oil price of \$73/barrel.

² This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for reconciliation to GAAP.

³ Gold mines, as used with total cash costs and all-in sustaining costs, consist of Rosebel, Essakane, Westwood, Sadiola and Yatela on an attributable basis.

2014 Reserves and Resources¹

As of December 31, 2014	2014
Gold (000s attributable oz. contained)	
Total proven and probable mineral reserves	8,608
Total measured and indicated mineral resources ^{2,3}	21,412
Total inferred resources	7,018

- Gold reserves have been estimated at our owned and operated mines at \$1,300.
- Resources for our owned and operated mines have been estimated at \$1,500 per ounce.

¹ Detail behind the gold price assumptions used to determine reserves and resources can be found in the Reserves and Resources section of the MD&A.

² Measured and indicated gold resources are inclusive of proven and probable reserves.

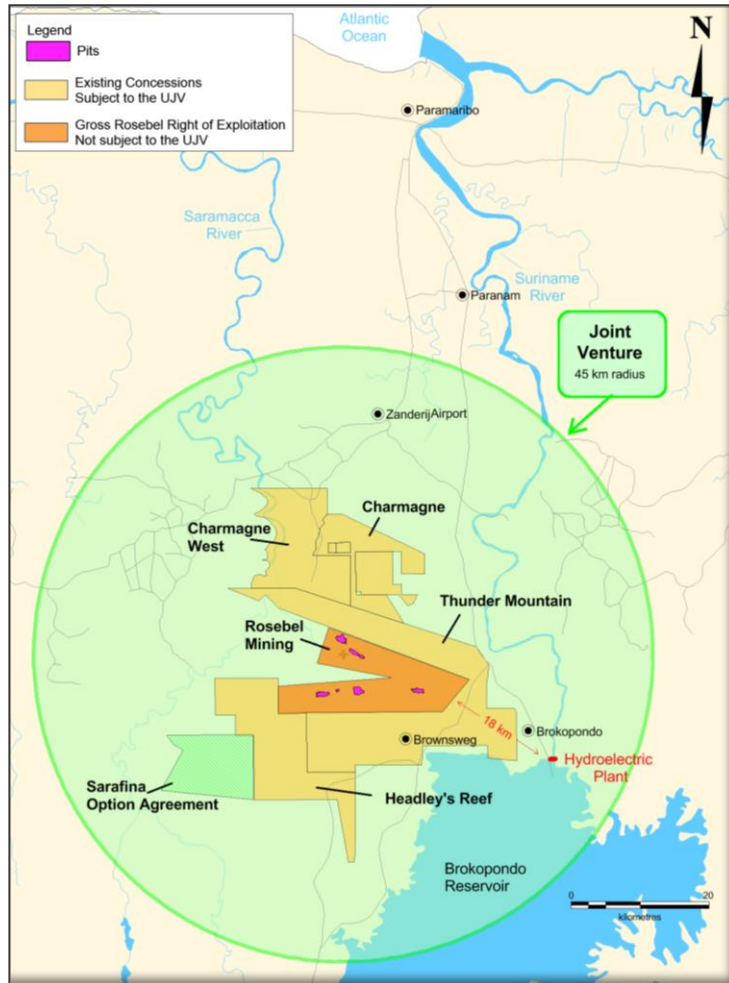
³ In mining operations, measured and indicated resources that are not mineral reserves are considered uneconomic at the price used for reserves estimations, but are deemed to have a reasonable prospect of economic extraction.

2015 Capital Expenditure Outlook

(\$ millions)	Sustaining ¹	Development/ Expansion (Non-sustaining)	Total
Rosebel	70	10	80
Essakane	55	5	60
Westwood	30	50	80
Total gold segments	155	65	220
Côte Gold	-	5	5
Total consolidated	155	70	225
Joint ventures	5	-	5
Total (±10%)	160	70	230

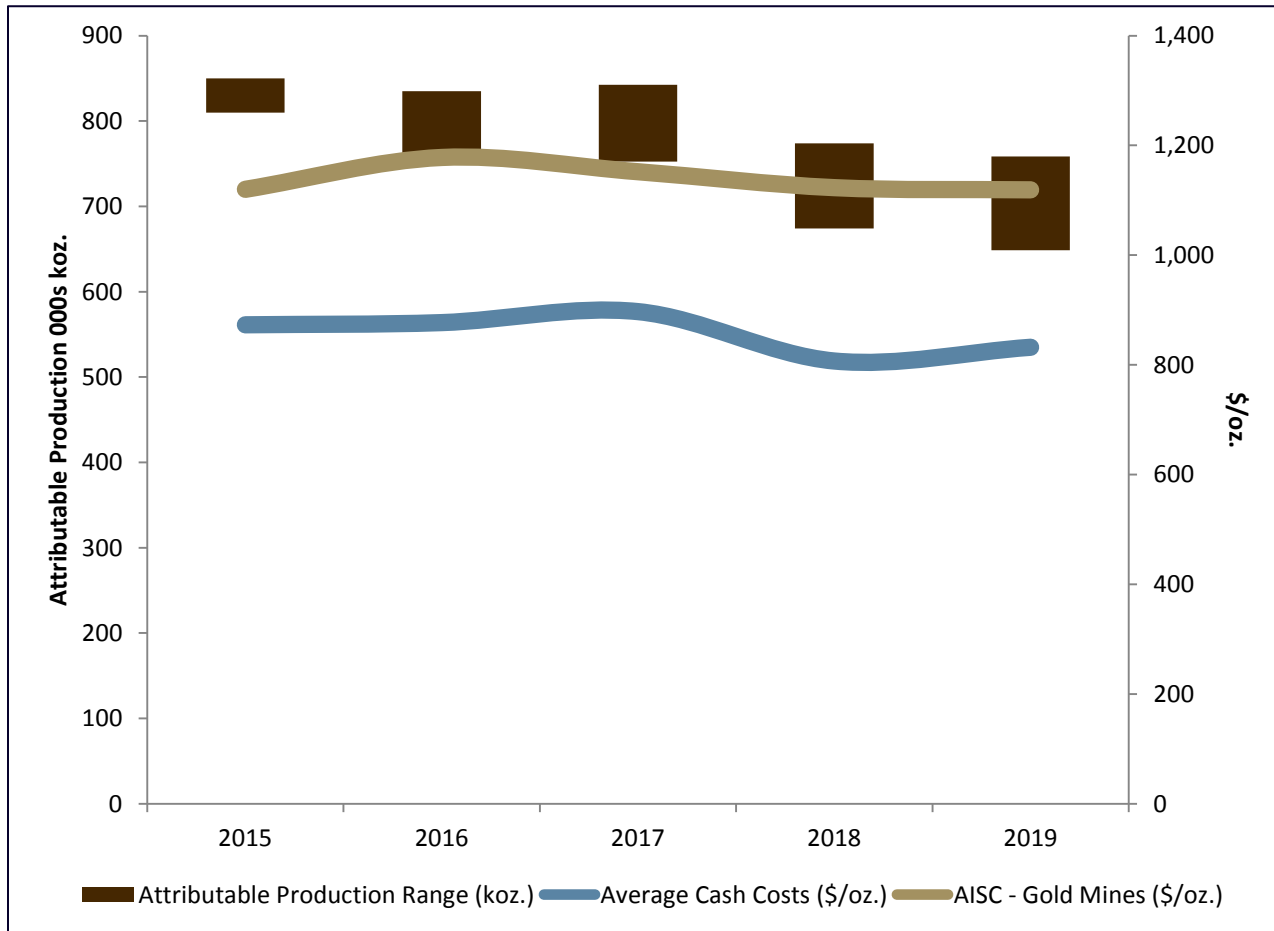
¹ Includes capitalized stripping of \$20M at Rosebel and \$20M at Essakane.

JV Agreement at Rosebel



- ✓ Hard rock comprises ~31% of ore mix and will increase to 80% by 2017
- ✓ Softer rock will increase margins and extend mine life
- ✓ Joint venture with Government of Suriname targets higher-grade, softer rock
 - › >\$0.11/kWh power rate
 - › 5-year option agreement with Sarafina – 10,000 hectares
 - › Advancing discussions on other prospective properties
- ✓ Initiated drilling on the Mayo and Royal Hill deposits, and testing potential soft rock targets along strike of known mineralized trends

IAMGOLD – Consolidated Production and Cost Profile 2015-2019^{1,2}

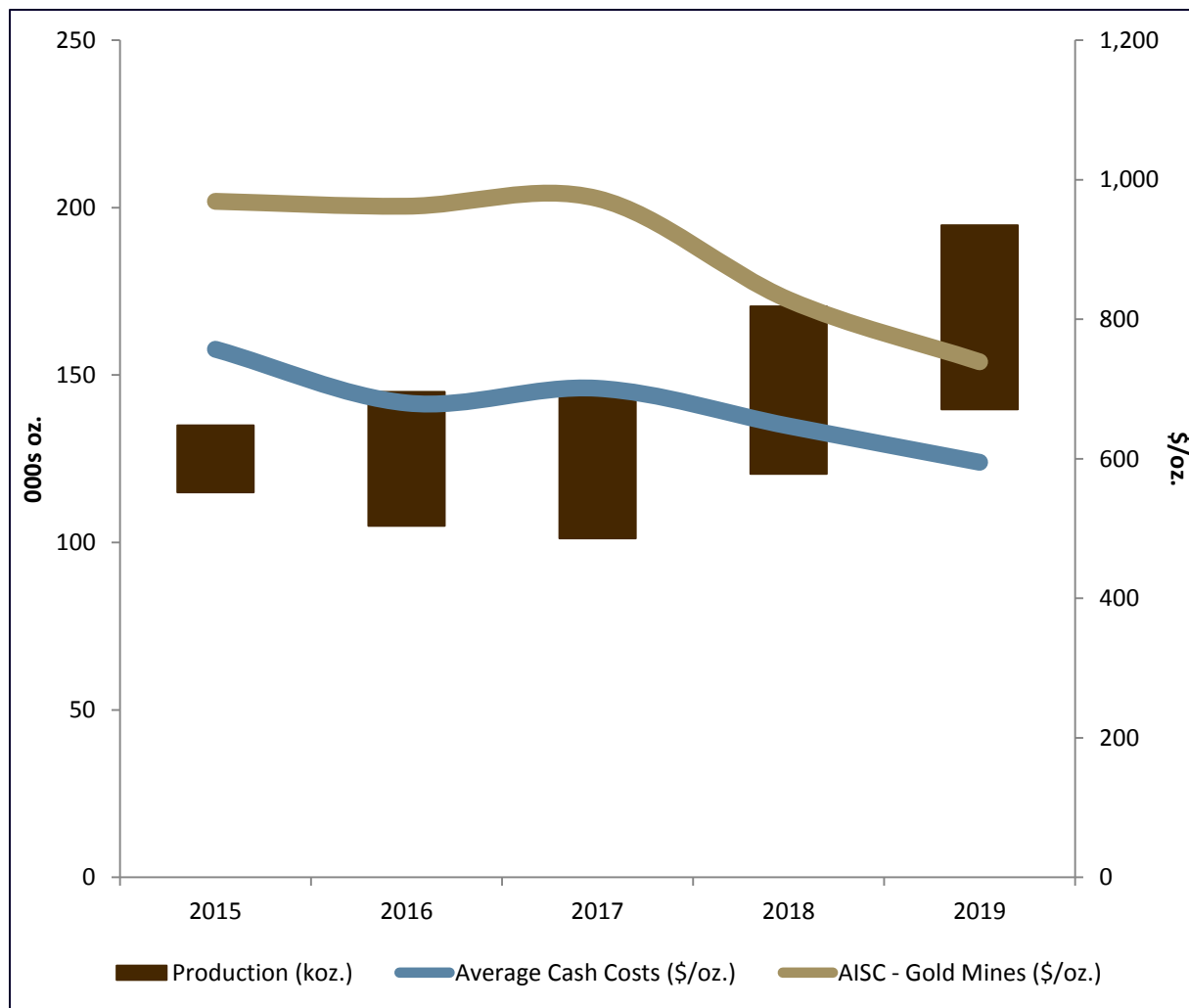


- ✓ This chart provides a 5-year outlook on production, cash costs and all-in sustaining costs
- ✓ Detailed charts by mine for each of our wholly-owned mines follow
- ✓ This chart includes the JV mines in Mali
- ✓ The production bars illustrate a range by year, with the range slightly widening in future years
- ✓ The cost curves have been smoothed to show the expected trend for our costs.

¹ Assuming base case scenario for all LOM plans at operating mines.

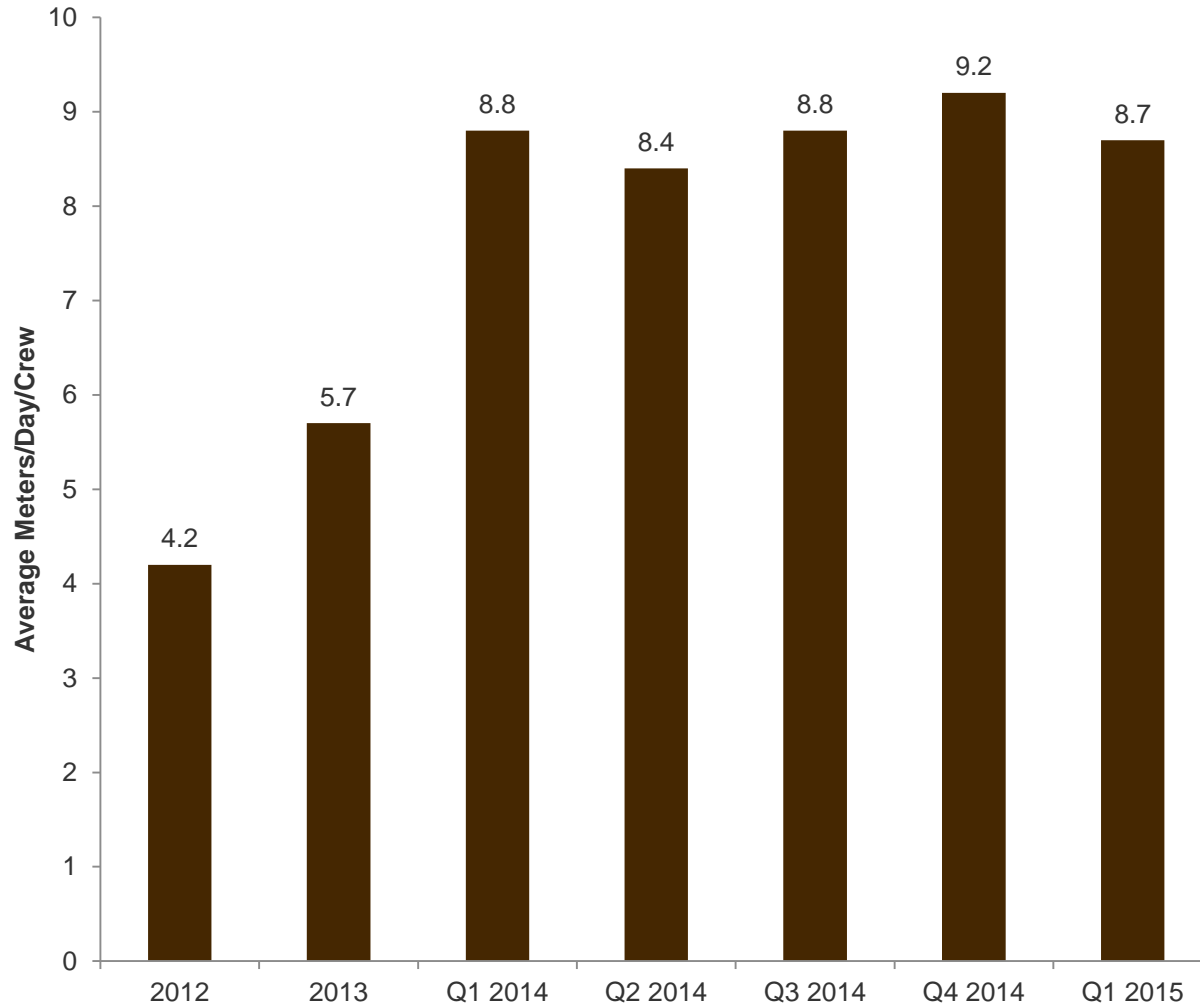
² Sadiola and Yatela plans are being reviewed by our JV partner and no adjustments have been made for changes in assumptions to Oil and FX.

Westwood – Production and Cost Profile 2015-2019



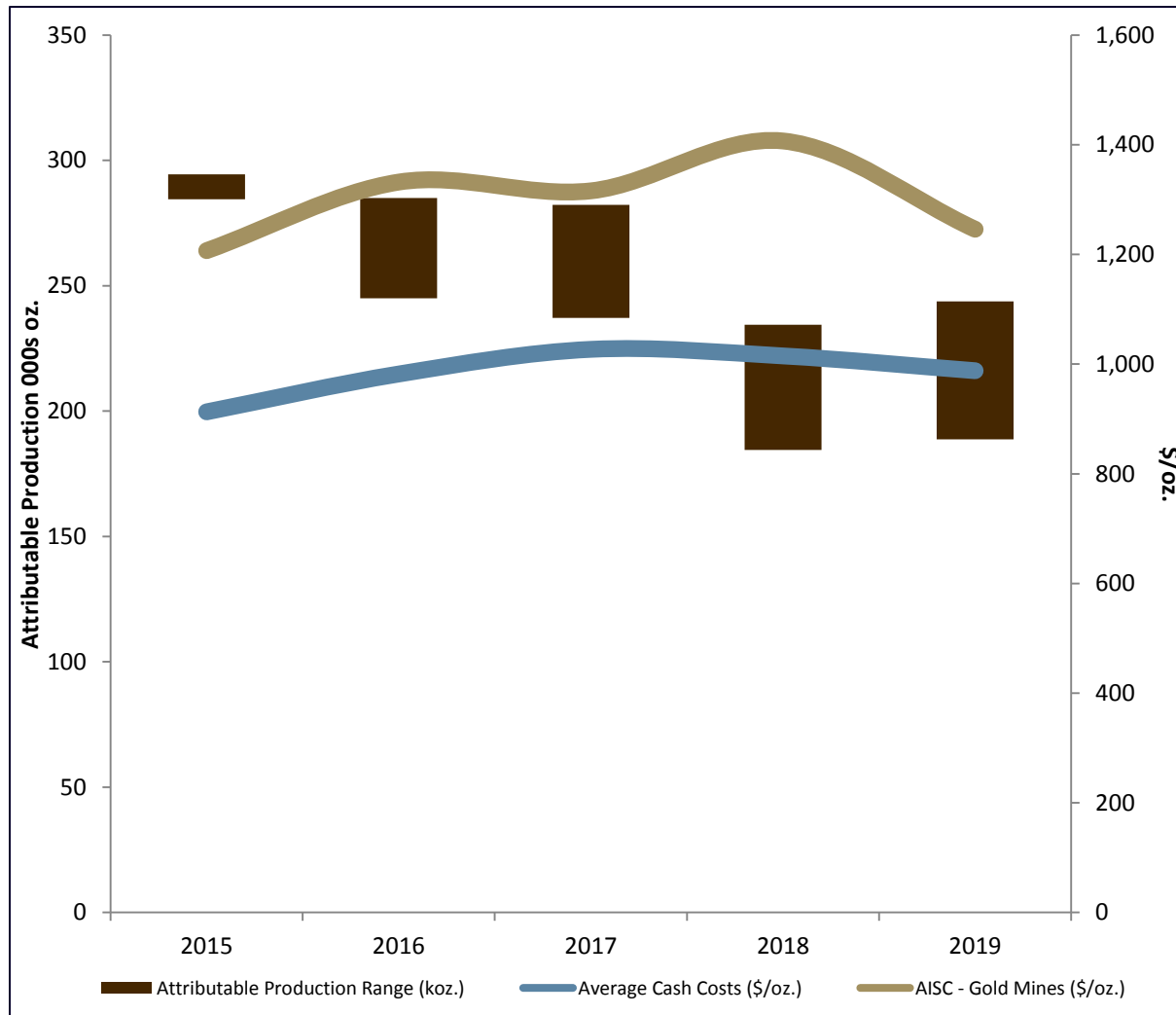
- ✓ Westwood to ramp up to LOM level of production in 2019
- ✓ Total cash costs and AISC expected to trend downwards as production ramps up
- ✓ Gradual increase in production allows for required underground development to be done concurrently

Westwood Development Performance – Average Advance Meters / Day / Crew



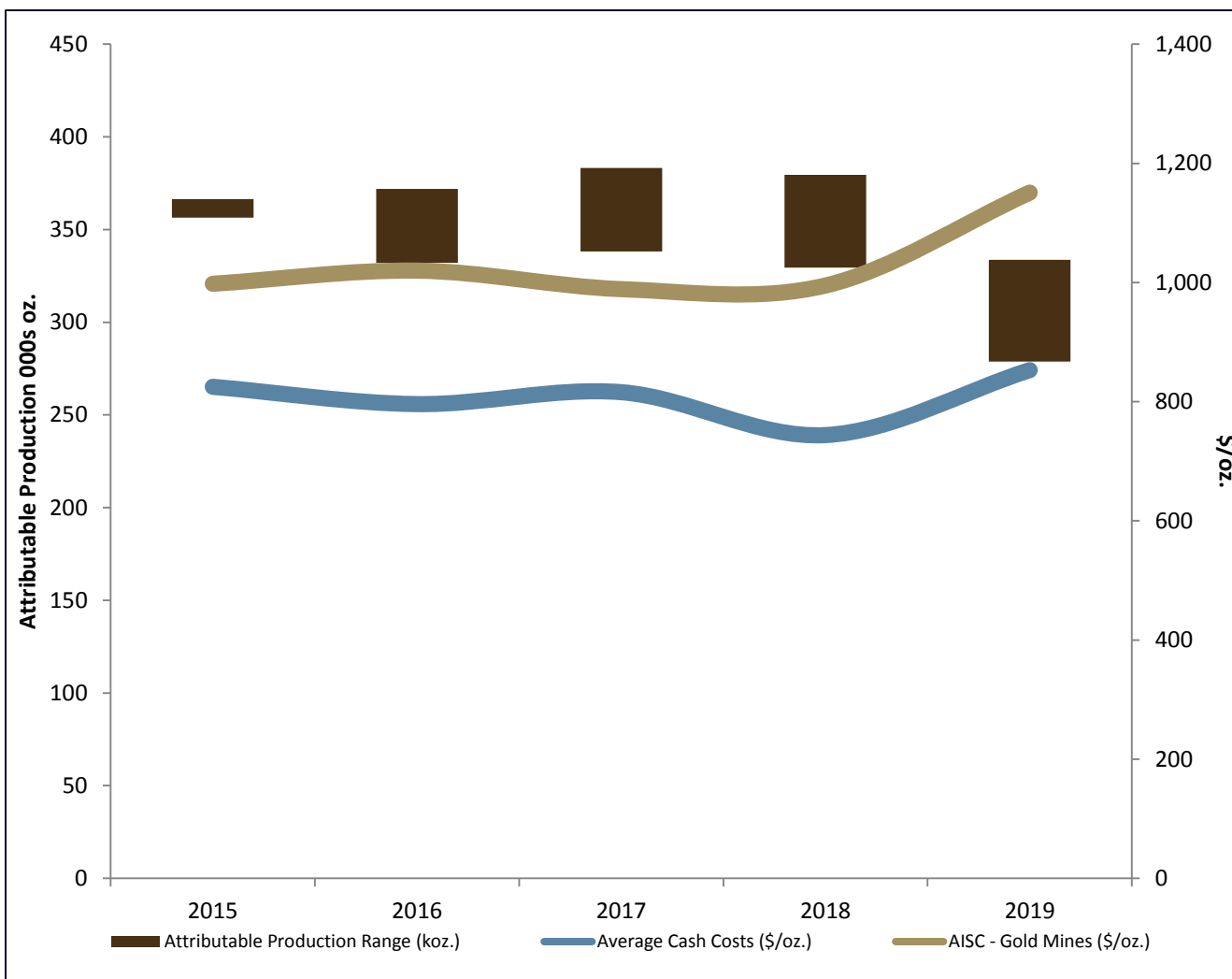
- ✓ Exceptional improvement in 2014 quarter-over-quarter in average advance meters/day
- ✓ Production is ramping up as expected
- ✓ Tonnage and grade reconciliation to date has been positive
- ✓ Underground development has now stabilized and is now at the desired pace
- ✓ Focus shifts to optimizing productivity and reducing development costs

Rosebel – Production and Cost Profile 2015-2019



- ✓ As the percentage of hard rock increases, production is expected to decrease
- ✓ Harder rock requires more power for crushing and grinding, challenging to sustain throughput capacity
- ✓ A solution is to find soft rock in surrounding JV area - an economical solution to maintain mill throughput and reduce power consumption
- ✓ The operation, however, is not counting on this and is continually moving ahead with initiatives to cut costs and improve productivity

Essakane– Production Profile 2015-2019



- ✓ Major mill expansion completed in 2013 to accommodate a growing proportion of hard rock
- ✓ Expansion driving strong production and steady state costs for the next four years
- ✓ In 2019, production is currently forecasted to decline and costs to rise due to lower grades being mined
- Exploration objective is to find higher grade to mitigate the decline

Summary of Outstanding Hedge and Non-Hedge Derivative Contracts¹

Contracts	2015	2016	2017	2018
Foreign currency				
Canadian dollar contracts (M of C\$)	145.0	60.0	—	—
Contract rate range (C\$/C\$)	1.10 – 1.17	1.12 – 1.18	—	—
Hedge ratio ²	60%	29%	—	—
Euro contracts (M of €)	126.0	—	—	—
Contract rate range (\$/€)	1.21 – 1.26	—	—	—
Hedge ratio ²	53%	—	—	—
Commodities				
Crude oil contracts (barrels)	1,080,000	1,101,000	786,000	—
Contract price range (\$/barrel of crude oil)	75 -95	68 – 95	71 – 95	—
Hedge ratio ²	77%	76%	51%	—

IAMGOLD Hedging Strategy

- ✓ Proactive strategy to mitigate risk from fluctuating exchange rates and oil prices in volatile markets
- ✓ Hedges a portion of exposure to FX resulting from operating and CAPEX requirements.
- ✓ Hedges a portion of anticipated fuel consumption. A portion of exposure remains unhedged so there is opportunity to benefit from further price declines. Zero cost collars lock in a ceiling and floor price.
- ✓ 2015 outlook based on average crude oil price of \$73/barrel. This reflects a weighted average of multiple fuel contracts ranging between \$75 and \$95 per barrel for 77% of anticipated fuel purchases and the consensus forecast price for WTI, for which we could purchase the unhedged portion of our anticipated fuel purchases in the open market.

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